

## Photomer 4702

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See Poly(oxy(methyl-1,2-ethanediyl)),  $\alpha$ -hydro- $\omega$ -[(1-oxo-2-propenyl)oxy]-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1) [53879-54-2]

## Photomer 6173

See 1,2-Benzenedicarboxylic acid, esters, mono[2-[(1-oxo-2-propenyl)oxy]-ethyl] ester [30697-40-6]

## Photomer 8017

See 2-Propenoic acid, esters, 6-methoxyhexyl ester [106128-35-2]

## Photomer 8061

See 2-Propenoic acid, esters, 2-[2-(2-methoxymethylethoxy)methylethoxy]methylethyl ester [54398-08-2]

## Photomer 8072

See Poly(oxy(methyl-1,2-ethanediyl)),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1), di-2-propenoate, methyl ether [106143-18-4]

## Photomer 8127

See Poly(oxy(methyl-1,2-ethanediyl)),  $\omega$ -methoxy- $\omega$ '-[(1-oxo-2-propenyl)oxy]- $\alpha$ , $\alpha'$ -(2,2-dimethyl-1,3-propanediyl)bis- [106143-20-8]

## Photomer 8149

See Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1), di-2-propenoate, methyl ether [106158-22-9]

## Photomer 8171

See Poly(oxy(methyl-1,2-ethanediyl)),  $\alpha$ -hydro- $\omega$ -hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), tri-2-propenoate, methyl ether [109426-63-3]

## Photomer 1201C

See Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -[(1-oxo-2-propenyl)oxy]-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1) [28961-43-5]

## Photomer 4149SN

See Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -[(1-oxo-2-propenyl)oxy]-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1) [28961-43-5]

## Photometers

Apparatus for the measurement of the intensity of radiation is indexed here. Apparatus for the detection of optical radiation is indexed at Optical detectors

See also narrower: Actinometers

See also related:

Colorimeters  
Photometry  
Phototransistors  
Spectrometers  
Spectrophotometry

## Photometry

See also narrower:

Colorimetry  
Flame photometry  
Spectrophotometry

See also related:

Densitometry (optical)  
Light  
Optics  
Photometers

## Photomirex

See 1,3,4-Metheno-1H-cyclobuta[cd]pentalene, 1,1a,2,2,3,3a,4,5,5,5a,5b-undecachlorooctahydro- [39801-14-4]

## Photomultipliers

See also related:

Optical detectors  
Photocathodes  
Photoemission  
Scintillation detectors  
Secondary electron emission

## Photon

See also related:

Compton effect  
Electromagnetic wave  
Light  
Photon-correlation spectroscopy  
Photon echo  
Photon emission  
Photonic crystals  
Polariton  
Two-photon transition  
Wave

## Photon-correlation spectroscopy

See also related: Photon

## Photon echo

See also related:

Fluorescence  
Light  
Photon  
Spectra

## Photon emission

See also related:

Luminescence  
Photon  
Radiative transition

## Photonic crystals

See also related:

Crystals  
Optical integrated circuits  
Photon  
Photonics

## Photonic integrated circuits

See Optical integrated circuits

## Photonics

See also related:

Fiber optics  
Optical equipment  
Optical instruments  
Photonic crystals

## Photonol 7025

See Poly(oxy-1,2-ethanediyl),  $\alpha$ , $\alpha'$ -[(1-methylethylidene)di-4,1-phenylene]bis( $\omega$ -hydroxy- [32492-61-8]

## Photon-stimulated desorption

See Desorption, photodesorption

## Photooxidation

Valid heading during volumes 126-130 (1997-June 1999) only

See Oxidation, photochemical

## Photooxidation catalysts

Valid heading during volumes 126-130 (1997-June 1999) only

See Oxidation catalysts, photooxidn.

## Photooxidation kinetics

Valid heading during volumes 126-130 (1997-June 1999) only

See Oxidation kinetics, photooxidn.

## Photooxidative water purification

Valid heading during volumes 126-130 (1997-June 1999) only

See Water purification, photooxidative

## Photooxonerol

See Bicyclo[2.1.1]hexan-2-one, 6-(hydroxymethyl)-1,5,5-trimethyl-, (1R,4S,6R)-rel- [149181-51-1]

## Photopeplomycin

See Bleomycinamide, 7-de[4-(aminocarbonyl)-2-thiazolyl]-7-[2-[[[3-[(1-phenylethyl)amino]propyl]amino]carbonyl]-4-thiazolyl]- [104267-24-5]

## Photoperiodism

See also related:

Light  
Phytochromes

## Photophoresis

See also related:

Disperse systems  
Light

## Photophosphorylation (biological)

Valid heading during volumes 126-130 (1997-June 1999) only

See Phosphorylation, biological, photophosphorylation

## Photophysical hole burning

See Spectral hole burning

## Photophysics

See also related:

Energy transfer  
Lasers  
Light  
Luminescence  
Optics  
Photochemistry  
Photoexcitation  
Quantum transition  
Radiation chemistry  
Spectra  
Spectroscopy

## Photoplex

See 1,3-Propanedione, 1-[4-(1,1-dimethylethyl)-phenyl]-3-(4-methoxyphenyl)- [70356-09-1]

## Photopolymerization

Valid heading during volumes 126-130 (1997-June 1999) only

See Polymerization, photopolymn.

## Photopolymerization catalysts

Valid heading during volumes 126-130 (1997-June 1999) only

See Polymerization catalysts, photopolymn.

## Photopolymerization kinetics

Valid heading during volumes 126-130 (1997-June 1999) only

See Polymerization kinetics, photopolymn.

## Photoporphyrin A

See 21H,23H-Porphine-2,18-dipropanoic acid, 7-ethenyl-12,13-dihydro-13-hydroxy-3,8,13,17-tetramethyl-12-(oxoethylidene)-, dimethyl ester, (12E)- [108573-25-7]

## Photoporphyrin B

See 21H,23H-Porphine-2,18-dipropanoic acid, 12-ethenyl-7,8-dihydro-8-hydroxy-3,8,13,17-tetramethyl-7-(oxoethylidene)-, dimethyl ester, (7E)- [109211-48-5]

## Photopotential

See Photovoltage

## Photoprotectants

See also narrower: Sunscreens

See also related:

Light  
UV radiation

## Photoproteins

Valid heading during volumes 126-130 (1997-June 1999) only

See Proteins, specific or class, photoproteins

## Photopterin A

See D-Ribitol, 1-deoxy-1-[6-(1,2-dihydroxyethyl)-1,3,4,7-tetrahydro-2,4,7-trioxo-8(2H)-pteridiny]- [41743-48-0]

## Photopyrocalfiferol

See 5,8-Cycloergosta-6,22-dien-3-ol, (3 $\beta$ ,5 $\beta$ ,8 $\beta$ ,10 $\alpha$ ,22E)- [41411-05-6]

## Photoquenching

See Optical transition

## Photoradiation therapy

See Phototherapy

## Photorearrangement

See Rearrangement, photochem.

## Photoreceptors

See also narrower:

Bacteriorhodopsins  
Carotenoproteins

See also related:

Eye  
Light  
Vision

## Photoredox reaction

Valid heading during volumes 126-130 (1997-June 1999) only

See Redox reaction, photoredox

## Photoreduction

Valid heading during volumes 126-130 (1997-June 1999) only

See Reduction, photochemical

## Photoreduction catalysts

Valid heading during volumes 126-130 (1997-June 1999) only

See Reduction catalysts, photoredn.

## Photoreduction kinetics

Valid heading during volumes 126-130 (1997-June 1999) only

See Reduction kinetics, photoredn.

## Photorefractive effect

See also related:

Electrooptical effect  
Nonlinear optical properties  
Nonlinear optical susceptibility  
Photorefractive gratings  
Photorefractive materials  
Refractive index

## Photorefractive gratings

See also related:

Photorefractive effect  
Photorefractive materials

## Photorefractive materials

See also related:

Four wave mixing  
Optical phase conjugation  
Photorefractive effect  
Photorefractive gratings  
Two wave mixing

## Photoresistance

See Photoconductivity

## Photoresists

See also narrower:

Negative photoresists  
Positive photoresists

See also related:

Photoimaging  
Photolithography

## Photorespiration

See also related:

Light  
Metabolism, microbial

## Photosantonene A

See Spiro[4-cyclopentene-1,6'-[6H]cyclopropa[1,5]-cyclopenta[1,2-b]furan]-2',3(4'H)-dione, 5',5'a-dihydro-2,3',5'a-trimethyl-, (1S,2R,5'aR,6'aR)- [52104-24-2]

## Photosantonic acid

See Propanoic acid, 3-[(3S,3aS,7aS)-hexahydro-3-methyl-6-(1-methylethylidene)-2-oxo-7(4H)-benzofuranylidene]-, (3E)- [523-58-0]

## Photosantonin

See Propanoic acid, 3-[(3S,3aS,7aS)-hexahydro-3-methyl-6-(1-methylethylidene)-2-oxo-7(4H)-benzofuranylidene]-, ethyl ester, (3E)- [23811-40-7]

## Photosensitive materials

See Photoimaging materials

## Photosensitization

See Light sensitization

## Photosensitizers

See Photosensitizers (pharmaceutical)

## Photosensitizers (pharmaceutical)

See also related:

Light sensitization  
Photochemistry  
Photodynamic therapy  
Phototoxicity

## Photosensitizing agents

See Photosensitizers (pharmaceutical)

## Photosolar Supergrey D 1426

See Photochromic glass

## Photostabilizers

See Light stabilizers

## Photosubstitution reaction

Valid heading during volumes 126-130 (1997-June 1999) only

See Substitution reaction, photosubstitution

## Photosynthates

See also related: Photosynthesis, biological

## Photosynthesis, artificial

See also related: Photosynthesis, biological

## Photosynthesis, biological

See also narrower:

Calvin cycle  
Hill reaction  
Photosynthesis photoinhibition  
Photosynthetic charge recombination  
Photosynthetic charge separation  
Photosystems

See also related:

Carotenes  
Chlorophylls  
Chloroplast  
Chlorosome  
Light  
Metabolism, microbial  
Metabolism, plant  
Pheophytins  
Photochemistry  
Photosynthates  
Photosynthesis, artificial  
Phycocyanins  
Phycocyanthins  
Plastocyanins

## Photosynthesis (biological)

Valid heading during volumes 126-130 (1997-June 1999) only

See Photosynthesis, biological

## Photosynthesis photoinhibition

## Photosynthetic bacteria

Photosynthetic charge recombination

See also related: Photosynthetic charge separation

## Photosynthetic charge separation

See also related: Photosynthetic charge recombination

## Photosynthetic electron transport system

Valid heading during volumes 126-130 (1997-June 1999) only

See Electron transport system, biological, photosynthetic

## Photosynthetic pyridine nucleotide reductase

See Ferredoxins

## Photosynthetic reaction center

See Photosystems, reaction center

## Photosynthetic systems

See Photosystems